

CLAIMS:

1. A color display unit comprising:

a substrate;

an organic electroluminescent device located on the substrate, wherein the organic electroluminescent device has an electroluminescent layer composed of organic electroluminescent material;

a passivation film, which covers the organic electroluminescent device so that the electroluminescent layer is not exposed to the outside air; and

a color filter located on the passivation film.

2. The color display unit according to claim 1 further comprising a mar-proof protective film coating the color filter.

3. The color display unit according to claim 1, wherein the organic electroluminescent device has a first electrode and a second electrode, wherein the electroluminescent layer is located between the first and second electrodes, wherein the first electrode is located between the substrate and the electroluminescent layer, and wherein the second electrode is light transmittance type.

4. The color display unit according to claim 3, wherein an active drive element is located on the substrate, and wherein the first electrode covers at least part of the active drive element.

5. The color display unit according to claim 3 further comprising an active drive element, the active drive element being located on the substrate and on the same plane as the organic electroluminescent device.

6. The color display unit according to claim 1, wherein the electroluminescent layer is white electroluminescent layer.

7. The color display unit according to claim 1, wherein the electroluminescent layer is blue electroluminescent layer, and wherein the color filter has a color changing layer.

8. The color display unit according to claim 1, wherein the light reflectance of the substrate is equal to or less than 30%.

9. The color display unit according to claim 1, wherein the light reflectance of the substrate is equal to or less than 10%.

10. The color display unit according to claim 1, wherein the color filter is formed of an organic material.

11. A color display unit comprising:

a substrate;

an organic electroluminescent device located on the substrate, wherein the organic electroluminescent device has an electroluminescent layer composed of organic electroluminescent material, a first electrode and a second electrode, wherein the electroluminescent layer is located between the first and second electrodes, wherein the first electrode is located between the substrate and the electroluminescent layer, and wherein light from the electroluminescent layer transmits through the second electrode;

a passivation film, which covers the organic electroluminescent device so that the electroluminescent layer is not exposed to the outside air, wherein the second electrode is located between the passivation film and the electroluminescent layer; and

a color filter located on the passivation film.

12. The color display unit according to claim 11 further comprising a mar-proof protective film coating the color
5 filter.

13. The color display unit according to claim 11 further comprising an active drive element, the active drive element being located on the substrate and on the same plane as the
10 organic electroluminescent device.

14. The color display unit according to claim 11 further comprising an active drive element, the active drive element being located on the substrate and on the same plane as the
15 organic electroluminescent device.

15. The color display unit according to claim 11, wherein the electroluminescent layer is white electroluminescent layer.

20 16. The color display unit according to claim 11, wherein the electroluminescent layer is blue electroluminescent layer, and wherein the color filter has a color changing layer.

25 17. The color display unit according to claim 11, wherein the light reflectance of the substrate is equal to or less than 30%.

18. The color display unit according to claim 11, wherein the light reflectance of the substrate is equal to or less than
30 10%.

19. The color display unit according to claim 11, wherein the color filter is formed of an organic material.